

Tech file

**CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN DIEGO REGION**

**ADDENDUM NO. 2 TO ORDER NO. 79-24
AN ADDENDUM TO RECLASSIFY THE SLUDGE AS INERT WASTE AND THE
DISPOSAL SITE TO AN UNCLASSIFIED WASTE MANAGEMENT UNIT
FOR
THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA
ROBERT A. SKINNER FILTRATION PLANT
NEAR MURRIETA**

The California Regional Water Quality Control Board, San Diego Region (hereinafter Regional Board), finds that:

1. On March 26, 1979, this Regional Board adopted Order No. 79-24, "Waste Discharge Requirements For The Metropolitan Water District of Southern California, Robert A. Skinner Filtration Plant, Sludge Disposal Site, Near Murrieta." Order No. 79-24 established requirements for the disposal of up to 20 cubic yards per month of dewatered waste sludges from the filtration plant.
2. On October 23, 1993, the Metropolitan Water District of Southern California submitted a Report of Waste Discharge for a new disposal site for the water filtration sludge. The completion of the California Environmental Quality Act (CEQA) has been delayed due to the discovery of a bald eagle nesting site in the vicinity of the expansion area.
3. The RWD also included technical data to demonstrate that aluminum contained in the sludge material has very low solubility, when characterized for a none acidic environment. Therefore the sludge material meets the criteria to be reclassified as inert waste pursuant to the California Code of Regulation, Title 23, division 3, Chapter 15, Discharges of Waste to Land (Chapter 15).

Inert waste is defined in Chapter 15 Section 2524 (a) as... " Waste does not contain hazardous waste or soluble pollutants at concentrations in excess of applicable water quality objectives, and does not contain significant quantities of decomposable waste."

4. Pursuant to Chapter 15 Section 2524 (b), Inert wastes do not need to be discharged at classified waste management units. The existing disposal and proposed disposal sites meet the Chapter 15 requirements to be unclassified waste management units.
5. As noted by Finding No. 18 of Order No. 79-24, The Metropolitan Water District of Southern California has prepared a negative declaration in accordance with the California Environmental Quality Act (Public Resources Code Section 21000 et seq.) and the State Guidelines.

6. The Regional Board, in modifying Order No. 79-24, considered factors including, but not limited to, the following:
 - (a) Beneficial uses to be protected and the water quality objectives reasonably required for that purpose;
 - (b) Other waste discharges;
 - (c) The need to prevent nuisance;
 - (d) Past, present, and probable future beneficial uses of the hydrologic subunits under consideration;
 - (e) Environmental characteristics of the hydrologic subunits under consideration;
 - (f) Water quality conditions that could reasonably be achieved through the coordinated control of all factors which affect water quality in the area;
 - (g) Economic considerations;
 - (h) The need for additional housing within the region; and
 - (i) The need to develop and use recycled water.
7. The Regional Board has considered all water resource related environmental factors associated with the proposed modification of waste discharge requirements.
8. The Regional Board has notified the Metropolitan Water District of Southern California and all known interested parties of the intent to modify the waste discharge requirements.
9. The Regional Board in a public meeting heard and considered all comments pertaining to the proposed modification of waste discharge requirements.

IT IS HEREBY ORDERED, That Order No. 79-24 be amended as follows:

1. The following shall be added as Discharge Specifications:
 12. The sludge material described in the RWD shall be reclassified as Inert waste, pursuant to Chapter 15, Article 2,
 13. The existing and proposed disposal site described in the RWD shall be unclassified waste management units.
 14. Annually, prior to the anticipated rainy season but not later than **October 31**, any necessary erosion control measures shall be implemented, and any necessary construction, maintenance, or repairs of precipitation and drainage control facilities shall be completed to prevent erosion, ponding, flooding, or to prevent surface drainage from contacting or percolating through wastes at the facility.

15. The discharger shall submit a proposed surface water monitoring program that complies with Article 5, Chapter 15 for the existing and proposed unclassified waste management units. The proposal shall be submitted by October 31, 1995.
16. The landfilled areas shall be adequately protected from any washout, erosion of wastes or cover material. Adequate protection is defined as protection against a 100-year 24-hour storm event. 5.
17. The structural integrity and effectiveness of all containment structures and the existing cover shall be maintained as necessary to correct the effects of settlement or other adverse factors.

2. The following shall be added as Prohibitions

3. The discharge of waste shall not:
 - a. Cause the occurrence of coliform or pathogenic organisms in waters pumped from the basin;
 - b. Cause the occurrence of objectionable tastes and odors in water pumped from the basin;
 - c. Cause waters pumped from the basin to foam;
 - d. Cause the presence of toxic materials in waters pumped from the basin;
 - e. Cause the pH of waters pumped from the basin to fall below 6.0 or rise above 9.0;
 - f. Cause this Regional Board's objectives for the ground or surface waters of the Auld Hydrologic Unit, as established in the Basin Plan, to be exceeded; and
 - g. Cause pollution, contamination or nuisance or adversely affect beneficial uses of the ground or surface waters of the Auld Hydrologic Unit as established in the Basin Plan.
4. Odors, vectors, and other nuisances of waste origin beyond the limits of the landfill site are prohibited.
5. The discharge of waste in a manner other than as described in the findings of this Order or in the Report of Waste Discharge is prohibited unless the discharger obtains revised Waste Discharge Requirements that provide for the proposed change.
6. Basin Plan prohibitions shall not be violated.

3. The following shall be added as Provision C:

15. Neither the treatment nor the discharge of waste shall create a pollution, contamination, or nuisance, as defined by Section 13050 of the California Water Code.
16. The discharger shall comply with applicable provisions of Chapter 15 and all conditions of this Order. Any noncompliance with this Order constitutes a violation of the California Water Code and is grounds for: (a) enforcement action; (b) termination, revocation and reissuance, or modification of this Order; or (c) denial of a Report of Waste Discharge in application for new or revised Waste Discharge Requirements.
17. In an enforcement action, it shall not be a defense for the discharger to say, it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with this Order.
18. The discharger shall take all reasonable steps to minimize or correct any adverse impact on the environment resulting from noncompliance with this Order, including such accelerated or additional monitoring as may be necessary to determine the nature and impact of the noncompliance.
19. The discharger shall, at all times, properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) which are installed or used by the discharger to achieve compliance with conditions of this Order. Proper operation and maintenance includes effective performance, adequate laboratory and process controls including appropriate quality assurance procedures.
20. This Order may be modified, revoked and reissued, or terminated for cause including, but not limited to, the following:
 - a. Violation of any terms or conditions of this Order;
 - b. Obtaining this Order by misrepresentation or failure to disclose fully all relevant facts; or
 - c. A change in any condition that requires either a temporary or permanent reduction or elimination of the authorized discharge.
 - d. The filing of a request by the discharger for the modification, revocation and reissuance, or termination of this Order, or notification of planned changes or anticipated noncompliance does not stay any condition of this Order.

21. This Order does not convey any property rights of any sort or any exclusive privileges. The requirements prescribed herein do not authorize the commission of any act causing injury to persons or property, nor protect the discharger from liability under federal, state, or local laws, nor create a vested right for the owner and operator to continue the regulated activity.
22. A copy of this Order shall be maintained at the Metropolitan Water District of Southern California, Robert A. Skinner Filtration plant and shall be available to operating personnel at all times.
23. The provisions of this Order are severable, and if any provision of this Order, or the application of any provision of this Order to any circumstance, is held invalid, the application of such provision to other circumstances, and the remainder of this Order, shall not be affected thereby.
24. Alternatives, exceptions, and exemptions of waivers from requirements of Chapter 15 shall be subject to the approval of the Executive Officer and shall be authorized only as provided for by Chapter 15. Implemented alternatives to Chapter 15 requirements shall meet the conditions for approval of such alternatives established in Chapter 15 throughout the post-closure period.

4. The following shall be added as Reporting Requirements:

1. The discharger shall file the following reports in accordance with the following schedule:
 - a. **Submittal of Report of Waste Discharge**
The discharger shall file a new Report of Waste Discharge at least 120 days prior to the following:
 - 1) Significant change in post-closure maintenance activities which would significantly alter existing drainage patterns and slope configurations, or pose a potential threat to the integrity of the site,
 - 2) change in land use than as described in the findings of this Order
 - 3) significant change in disposal area eg. excavation and relocation of waste on site
 - 4) any planned change in the regulated facility or activity which may result in noncompliance with this Order

b. Submittal of Workplan

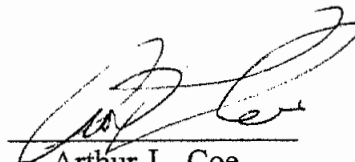
The discharger shall submit a workplan at least 30 days prior to any maintenance activities that could pose a potential threat to the integrity of the existing landfill cover, that will not alter existing surface drainage patterns or change existing slope configurations

c. Written Notification Only

The discharger shall provide written notification at least 24 hours prior to any maintenance activities that are minor and or routine in nature that do not add water, inhibit drainage, has limited potential for impacts to beneficial use of water, and will not interfere with future routine maintenance. These activities may include, but not be limited to:

- 1) routine maintenance grading;
- 2) landscaping with minimal/no water application;
- 3) installation of shallow borings into waste that do not extend into groundwater;
- 4) gas surveys with temporary probes; and
- 5) replacement/removal of gas collection wells.

I, Arthur L. Coe, Executive Officer, do hereby certify the foregoing is a full, true, and correct copy of an Addendum adopted by the California Water Quality Control Board, San Diego Region, on March 9, 1995.



Arthur L. Coe
Executive Officer